

Henry Horton State Park – Tennessee State Museum
4209 Nashville Highway
Chapel Hill, TN 37034

Water Wheel Move and Restoration Project

Scope of Work

- Contractor must have at least 5 years of historical restoration project work.
- Contractor is preferred to have previous grist mill restoration experience.
- Contractor will work directly with Tennessee State Museum staff to schedule and organize, and map, label, dismantle, and remove the water wheel and associated structure inside the old Tennessee State Museum facility. The contractor is responsible for all of the mapping, labeling, dismantling, and removal of the water wheel and associated structure inside the old Tennessee State Museum facility.
 - Tennessee State Museum contacts:
Mark Bynon – mark.bynon@tn.gov – 828-358-5660
Lauren Amos – lauren.amos@tn.gov – 615-741-2692
 - Location of old Tennessee State Museum facility:
James K Polk Building
505 Deaderick St.
Nashville, TN 37243
- Contractor will work directly with Henry Horton State Park management and staff to schedule, organize, and rebuild the water wheel and associated structure on site inside the park in a way that allows the water wheel to operate with a recycled water pump system. The contractor is responsible for rebuilding the water wheel and associated structure on site inside the park in a way that allows the water wheel to operate with a recycled water pump system.
 - Henry Horton State Park contact:
Ryan Jenkins – ryan.jenkins@tn.gov – 615-499-1142
 - Location of rebuild
Henry Horton State Park
4209 Nashville Highway
Chapel Hill, TN 37034
- Contractor will utilize the metal frame structure that is already on site with the water wheel at the old Tennessee State Museum facility. Contractor will dismantle the metal frame structure utilizing saws and will rebuild on site within the park.

- Contractor will map and mark each piece of the structure utilizing metal engraved tags. Contractor will create a plan utilizing that mapping and then restore the structure on site at the park utilizing that plan. The plan will need to be approved by museum staff listed above and park staff listed above prior to moving forward with the project.
- The Park will install framing for roof and will install metal roof.
- Contractor will follow all safety and protection procedures as required by the Tennessee State Museum. This includes;
 - Installation of curtain walls around the work area
 - Plywood floor protection in all work and transition areas
 - No fire or torches
 - Minimal dust creation or use of a dust management system
 - All equipment used must be interior rated
 - All unwanted material must be disposed of
- Contractor will align water wheel for proper and efficient operation after installation on site at the park.
- Work done by Contractor will be deemed safe by Contractor for park guests to enter.
- Contractor will follow operating hours of the old Tennessee State Museum facility, which are 8am to 5pm and no work can be done on State holidays.
- Contractor will have access to the loading dock within the old Tennessee State Museum facility, but use of the area will need to be coordinated with Museum staff. When the loading dock is unavailable, Contractor will have to plan for and utilize off-site parking.
- Contractor will have access to the construction dumpster within the old Tennessee State Museum loading dock. Use of the dumpster will need to be coordinated with Museum staff. The contractor is responsible for disposal of all trash from the project.
- Contractor is responsible for disposal of all trash from the project while on site at Henry Horton State Park. A construction dumpster is available on site at Henry Horton State Park. Contractor can work with the above listed contact at the park to plan it's use.
- Job boxes will be required for tool storage and security withing the old TN State Museum facility and if tools are left at the Park location.
- Park will provide concrete pad appropriate for restoration of the structure in an agreed upon placement within the park.

- Park will provide permanent water and electric access for the project space in an agreed upon placement within the job site.
- Park will paint metal structure elements after the project is completed.
- Park will weatherproof all wood water wheel elements after the project is completed.
- Contractor will supply a maintenance program and training for Park staff within 3 weeks of project completion.
- Park will provide any needed masonry or decorative additions work after the project is completed.
- Contractor will be required to be a registered State of Tennessee Vendor in Edison and will be required to hold a certificate of insurance naming the State of Tennessee as additionally insured.
- Time frame for completion of this project is 5 months from the award of contract.
- Payment will be made upon completion of the project.
- Invoices should be sent to:
 - Henry Horton State Park
c/o Ryan Jenkins
4209 Nashville Highway
Chapel Hill, TN 37034
 - Or emailed to:
 - Ryan.jenkins@tn.gov
 - Any deviation from the original quote will have to be approved before commencement of the work.